IP Link® Device Interface Communication Sheet

This document provides additional assistance with wiring your Extron IP Link enabled product to your device. Different components may require a different wiring scheme than those listed below.

For complete operating instructions, refer to the user's manual for the specific Extron IP Link enabled product or the controlled device manufacturer supplied documentation.

Device Specifications:

Device Type: Display
Manufacturer: Samsung
Firmware Version: N/A
Model(s): LN65B650

Version History:

Driver Version	Date	IP Link Compiler	GC Version	Notes
2	01/07/2011	1.4.0	3.0.4	Fixed Channel Down and added Channel Control
1	02/25/2010	1.4.0	3.0.2	Initial version.

Driver Notes:

This driver doesn't support status.

Control Commands & States:

Aspect Ratio	16:9	Zoom 1	Zoom 2
	Wide	4:3	Just Scan
Channel	Up	Down	
Input	TV	Video 1	Video 2
	Component	PC	HDMI1
	HDMI2	HDMI3	HDMI4
	DVI		
Keypad*	0 – 9	-	Execute
	Clear		
Mute	Toggle		
Power Control	On	Off	
Volume (Discrete)	0 to 100 in steps of 1		
Volume (Step)	Up	Down	

*Enter the channel you want to change to and then press execute.

Status Available:

N / A

MLC62 Supported Commands:

Aspect Ratio	16:9	Zoom 1	Zoom 2
	Wide	4:3	Just Scan
Channel	Up	Down	
Input	TV	Video 1	Video 2
	Component	PC	HDMI1
	HDMI2	HDMI3	HDMI4
	DVI		
Mute	Toggle		
Power Control	On	Off	
Volume (Discrete)	0 to 100 in steps of 1		
Volume (Step)	Up	Down	

*MLC62 Does not support keypad

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Cable and Adapter Requirements:

Refer to diagram below for wiring.

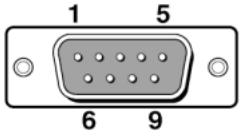
Notes for the Device:

Please contact the manufacture for enabling serial port or try the following.
To enter service menu: Make sure display is Off, then rapidly press the following keys "Mute, 1, 8, 2, Power".
After entering service mode set the set Hotel Mode to OFF.

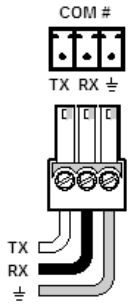
Serial communication:

Port Type:	RS-232	**Parity:**	None
Baud Rate:	9600	**Stop Bits:**	1
Data Bits:	8	**Flow Control:**	None

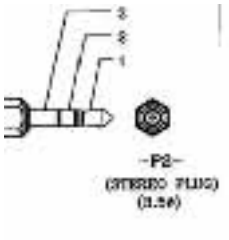
Pin Assignments Diagram:



RS232 DB9 Male IP Link® Device Interface



Signal	Pin	Main Cable	Pin	Signal
RXD	2	←	1	TXD
TXD	3	→	2	RXD
GND	5	—	3	GND



Note: Captive screw connector may also be used as a serial connection.

General Notes: